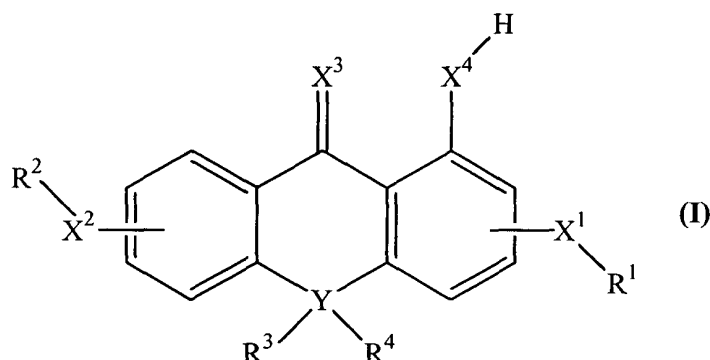


**THAT WHICH IS CLAIMED IS:**

1. A method of treating a beta-herpes virus infection in a subject in need thereof, comprising administering to said subject a compound of **Formula I**:



or a pharmaceutically acceptable salt thereof in an amount effective to treat said infection, wherein:

$R^1$  and  $R^2$  are each independently selected from the group consisting of H and alkyl;

$X^1$ ,  $X^2$ ,  $X^3$  and  $X^4$  are each independently selected from the group consisting of O and S;

Y is selected from the group consisting of N, O, S and C;

$R^3$  is selected from the group consisting of H and alkyl, subject to the proviso that  $R^3$  is absent when Y is O or S; and

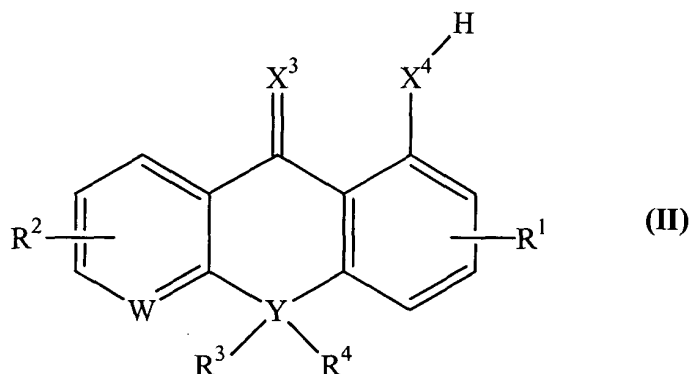
$R^4$  is selected from the group consisting of H and alkyl, subject to the proviso that  $R^4$  is absent when Y is O, S or N.

2. The method of claim 1, wherein said virus is selected from the group consisting of herpes virus 6, herpes virus 7, and human cytomegalovirus.

3. The method of claim 1, wherein  $R^1$  and  $R^2$  are each H or methyl.

4. The method of claim 1, wherein  $X^1$ ,  $X^2$ ,  $X^3$  and  $X^4$  are O.

5. The method of claim 1, wherein Y is N.
6. The method of claim 1, wherein Y is O.
7. The method of claim 1, wherein Y is S.
8. The method of claim 1, wherein Y is C.
9. The method of claim 1, wherein R<sup>3</sup> and R<sup>4</sup> are H or methyl.
10. A method of treating an alpha-herpes virus infection in a subject in need thereof, comprising administering to said subject a compound of **Formula II**:



or a pharmaceutically acceptable salt thereof in an amount effective to treat said infection, wherein:

- W is selected from the group consisting of N and CR<sup>5</sup>;
- R<sup>1</sup>, R<sup>2</sup> and R<sup>5</sup> are each independently selected from the group consisting of H, alkyl, hydroxy, alkoxy and halo;
- X<sup>3</sup> and X<sup>4</sup> are each independently selected from the group consisting of O and S;
- Y is selected from the group consisting of N, O, S and C;

$R^3$  is selected from the group consisting of H and alkyl, subject to the proviso that  $R^3$  is absent when Y is O or S; and

$R^4$  is selected from the group consisting of H and alkyl, subject to the proviso that  $R^4$  is absent when Y is O, S or N.

11. The method of claim 10, wherein said virus is selected from the group consisting of herpes simplex virus, herpes virus 8, Varicella-Zoster virus and herpes virus simiae.

12. The method of claim 10, wherein W is N.

13. The method of claim 10, wherein W is  $CR^5$ .

14. The method of claim 10, wherein  $R^1$ ,  $R^2$  and  $R^5$  are each independently selected from the group consisting of H and methyl.

15. The method of claim 10, wherein  $X^3$  and  $X^4$  are each O.

16. The method of claim 10, wherein Y is N.

17. The method of claim 10, wherein Y is O.

18. The method of claim 10, wherein Y is S.

19. The method of claim 10, wherein Y is C.

20. The method of claim 10, wherein  $R^3$  and  $R^4$  are each H or methyl.